

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) A device comprising:

a processor adapted for coupling to a door opener and having programming including instructions for generating a command to operate the door opener;

a first position sensor coupled to the processor and adapted for generating a first position signal based on a position of a first door coupled to the door opener;

a radio frequency transceiver coupled to the processor and adapted for transmitting the first position signal using a long range communication protocol and a short range communication protocol, and for receiving a wireless signal using the long range communication protocol and the short range communication protocol, the transceiver including circuitry for spread spectrum frequency hopping and wherein the command is based on the wireless signal.

2. (Original) The device of claim 1 wherein the transceiver is adapted for communicating on a protocol compatible with a cellular telephone communication protocol.

3. (Original) The device of claim 1 wherein the transceiver is adapted for communicating on a protocol compatible with a pager communication protocol.

4. (Original) The device of claim 1 wherein the transceiver operates at a frequency of approximately 2.45 GHZ.

5. (Original) The device of claim 1 wherein the transceiver is substantially compatible with standards under IEEE 802.15.

6. (Original) The device of claim 1 wherein the transceiver is substantially compatible with BLUETOOTH® technical specification version 1.0.

7. (Original) The device of claim 1 wherein the first position sensor includes a magnetic switch.
8. (Original) The device of claim 1 wherein the first position sensor includes a contact switch.
9. (Original) The device of claim 1 wherein the first position sensor includes a camera.
10. (Original) The device of claim 1 further comprising a battery coupled to the processor and coupled to the transceiver.
11. (Original) The device of claim 1 further comprising an optical sensor coupled to the processor and adapted for generating a light level signal based on light intensity in a region proximate to the first door, and further wherein the transceiver is adapted for transmitting the light level signal.
12. (Original) The device of claim 1 further comprising a second position sensor coupled to the processor and adapted for generating a second position signal based on a position of a second door, and further wherein the transceiver is adapted for transmitting the second position signal.
13. (Original) The device of claim 1 wherein the processor includes programming having instructions for generating a web page accessible from the Internet.
14. (Original) The device of claim 1 further comprising an audio transducer coupled to the processor and further wherein the processor includes programming having instructions for operating the door opener in response to a vocal command received by the transducer.

15. (Original) A method of manufacturing a module comprising:

adapting a processor to couple with a door opener;

adapting the processor to couple with a first position sensor;

coupling a wireless transceiver adapted for spread spectrum frequency hopping to the processor;

adapting the transceiver to receive a first signal in a protocol compatible with a long range communication protocol and in a protocol compatible with a short range communication protocol;

adapting the transceiver to transmit information received from the first position sensor in a protocol compatible with a long range communication protocol and in a protocol compatible with a short range communication protocol; and

providing a program for executing on the processor, the program having instructions to cause the processor to operate the door opener based on the first signal.

16. (Original) The method of claim 15 wherein adapting the transceiver to receive a first signal in a protocol compatible with a long range communication protocol includes adapting the transceiver to receive the first signal in a protocol compatible with a long range cellular telephone communication protocol.

17. (Original) The method of claim 15 wherein adapting the transceiver to receive a first signal in a protocol compatible with a long range communication protocol includes adapting the transceiver to receive the first signal in a protocol compatible with a pager communication protocol.

18. (Original) The method of claim 15 further comprising providing a battery connector coupled to the processor and to the transceiver.

19. (Original) The method of claim 15 further comprising adapting the processor to couple with a second position sensor and wherein the transceiver is adapted for transmitting information received from the second position sensor.

20. (Original) The method of claim 15 further comprising adapting the processor to couple with an optical sensor and wherein the transceiver is adapted for transmitting a light level signal based on light intensity in a region proximate to a door coupled to the door opener.

21. (Original) The method of claim 15 further comprising adapting the processor to generate a command to open a door coupled to the door opener in response to an open signal received by the transceiver in a protocol compatible with the long range communication protocol.

22. (Original) The method of claim 15 further comprising adapting the processor to generate a command to open a door coupled to the door opener in response to an open signal received by the transceiver in a protocol compatible with the short range communication protocol.

23. (Original) The method of claim 15 further comprising adapting the processor to generate a command to close a door coupled to the door opener in response to a close signal received by the transceiver in a protocol compatible with the long range communication protocol.

24. (Original) The method of claim 15 further comprising adapting the processor to generate a command to close a door coupled to the door opener in response to a close signal received by the transceiver in a protocol compatible with the short range communication protocol.

25. (Original) The method of claim 15 further comprising adapting the processor to generate a web page accessible from the Internet.

26. (Original) The method of claim 15 further comprising adapting the processor to couple with an audio transducer and to operate the door opener in response to a vocal command received by the transducer.

27. (Currently Amended) A method of operating a door comprising:
establishing a wireless communication channel with a module coupled to the door;
transmitting a position signal on the channel based on a position of the door;
providing an indication to a user based on the position signal; and
receiving an instruction signal on the channel, the instruction signal based on a user
selected option for operating the door;

wherein establishing a wireless communication channel with a module coupled to the door includes communicating in a protocol compatible with a long range communication protocol.

28. (Original) The method of claim 27 wherein establishing a wireless communication channel with a module coupled to the door includes communicating using a protocol compatible with a cellular telephone.

29. (Original) The method of claim 27 wherein establishing a wireless communication channel with a module coupled to the door includes communicating using a protocol compatible with a pager.

30. (Original) The method of claim 27 wherein establishing a wireless communication channel with a module coupled to the door includes communicating using a protocol compatible with BLUETOOTH® technical specification version 1.0.

31. (Original) The method of claim 27 wherein providing an indication to a user based on the position signal includes providing a visual indication.